

ARRANGEMENT FOR DRIVING A WHEEL OF A VEHICLE

Abstract

Method and arrangement for driving a wheel of a vehicle in which the arrangement includes a planetary gear transmission (6) which in turn has a sun gear (7) connected to a driving axle (4), a planet carrier (11) on which at least one planet gear (8) is arranged and the planet gear is also arranged in engagement with the sun gear (7), and a ring gear (9) arranged around, and also in engagement with the planet gear. The driving arrangement also includes a braking device (16) and a wheel hub (12), which hub is connected to the planet carrier (11). The braking device is adapted to brake the planet carrier relative to a static part (18) arranged outside the planet gear carrier in the radial direction. The ring gear (9) and the outer, static part (18) are constructed in one piece in the form of an annular member (20).